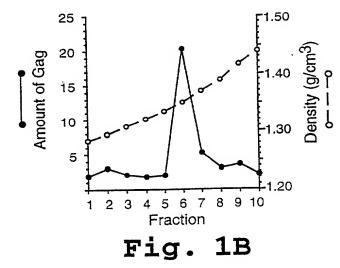
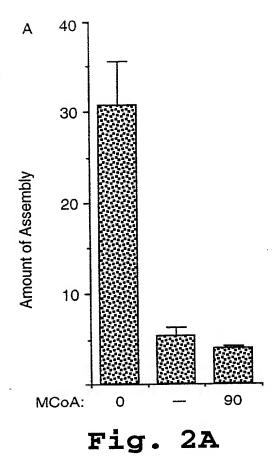
F^{1.50} 25 20 Amount of Gag 15 10 5 4 5 6 Fraction 8 9 10 7 2 3

Fig. 1A





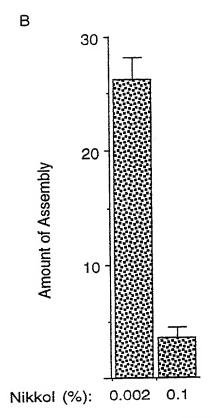
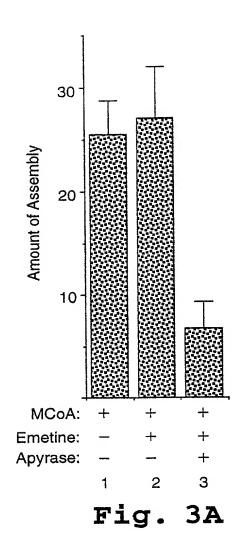
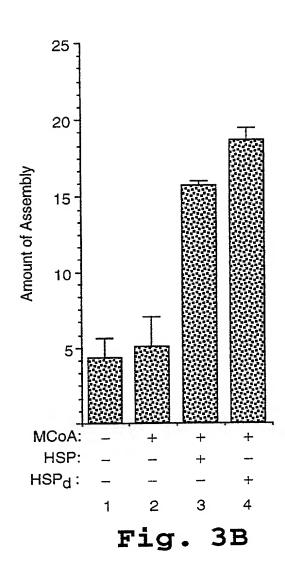


Fig. 2B





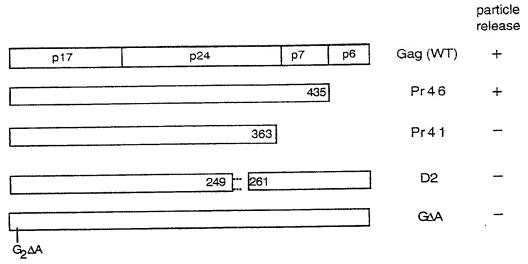
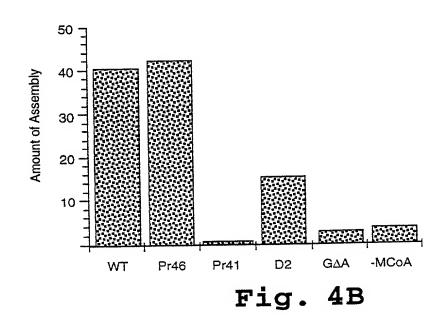
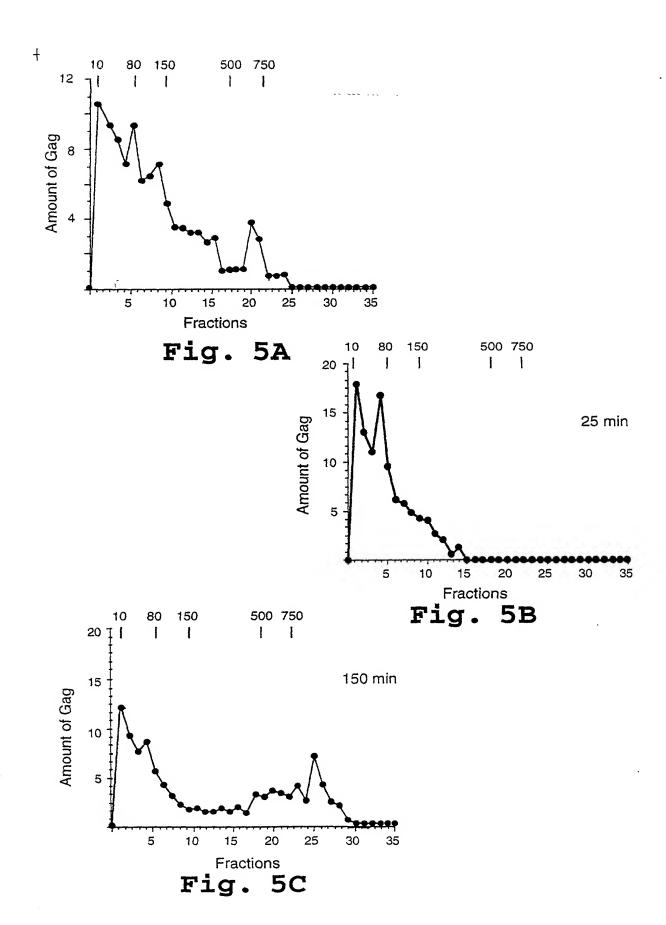
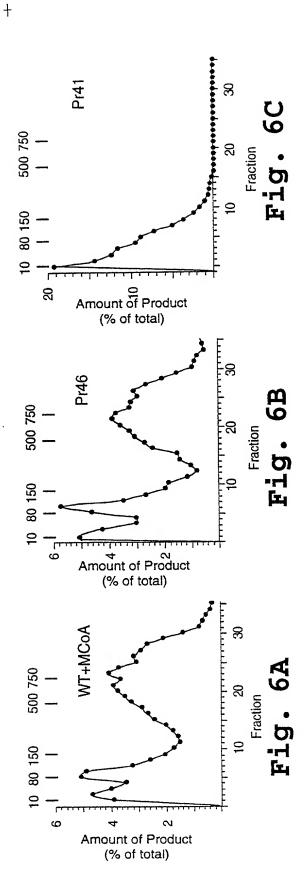
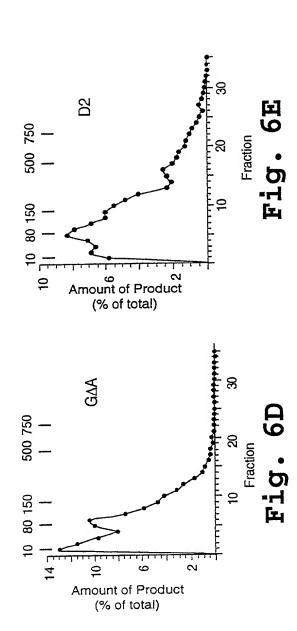


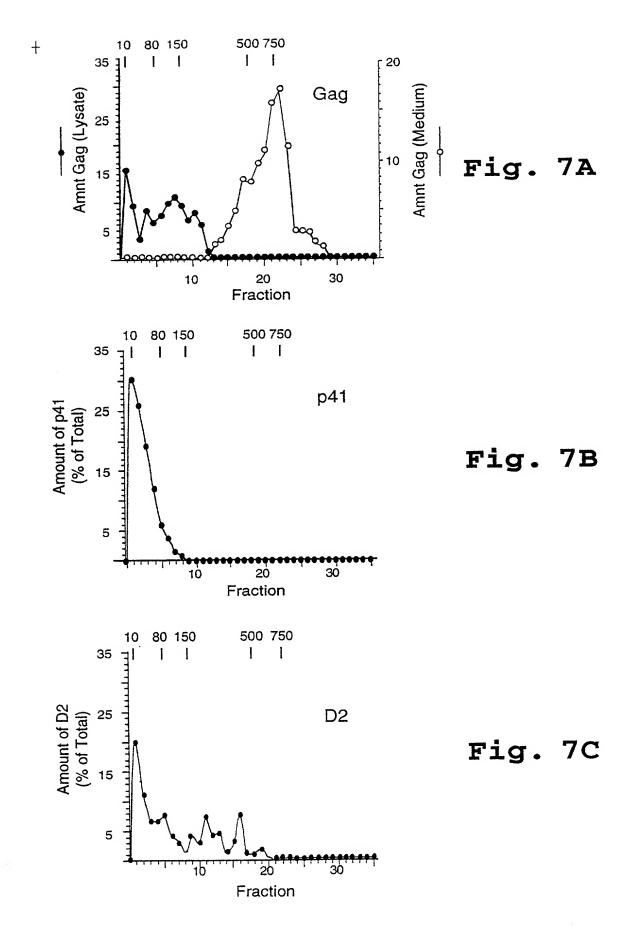
Fig. 4A

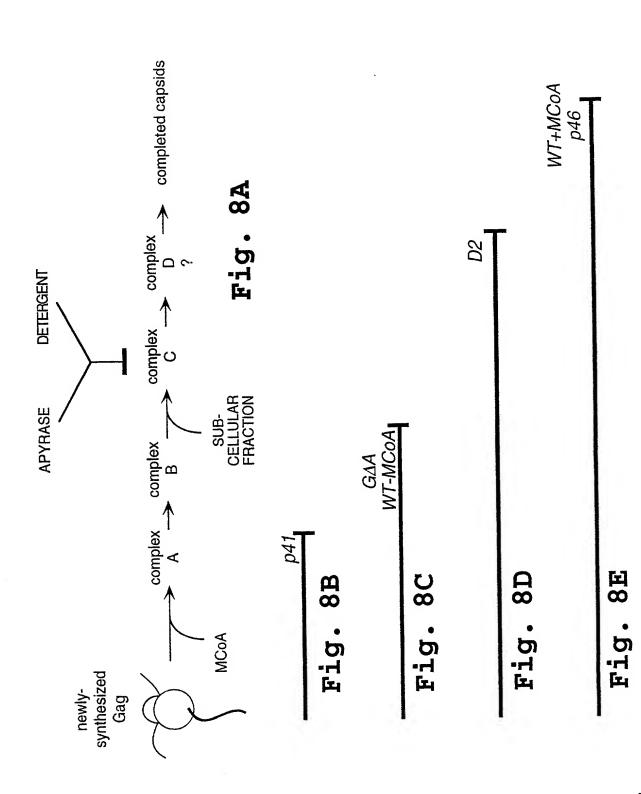






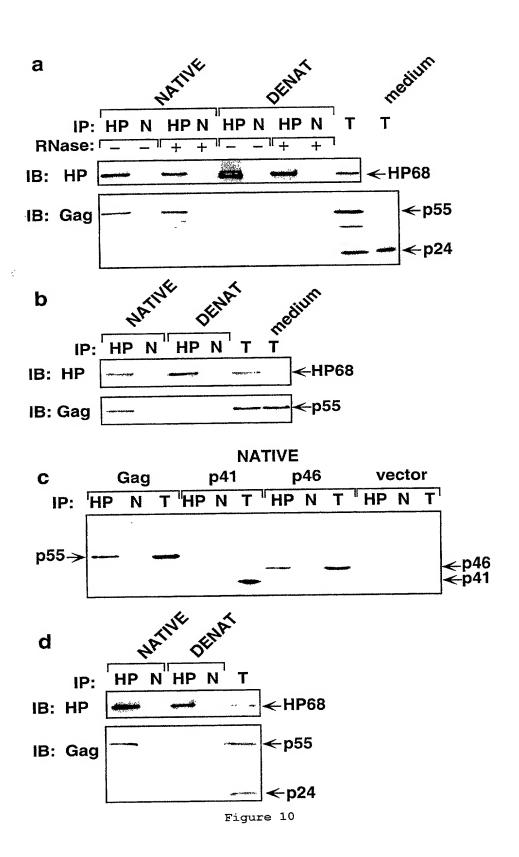






+

```
HuHP68
          1 MADKLTRIAIVNHDKCKPKKCROECKKSCPVVRMGKLCIEVTPOSKIAWISETLCIGCGI
          1 MADRITRIAIVSEDKCKPKKCRQECKKSCPVVKTGKLCIEVSPVAKLAFISEELCIGCGI
WCHP68
consensus
          61 CIKKCPFGALSIVNLPSNLEKETTHRYCANAFKLHRLPIPRPGEVLGLVGTNGIGKSAAL
WGHP68
         61 CVKKCPFDAIEIINLPKDLEKDTTHRYGPNTFKLHRLPVPRPGQVLGLVGTNGIGKSTAL
         consensus
         121 KILAGKQKPNLGKYDDPPDWQEILTYFRGSELQNYFTKILEDDLKAIIKPQYVARFLRLA
WGHP68
         121 KVLAGKLKPNLGRFKNPPDWQEILTYFRGSELQNYFTRILEDNLKAIIKPQYVDHIPKAV
        consensus
нинрб8
         181 KGTVGSILDRKDETKTQAIVCQQLDLTHLKERNVEDLSGGELQRFACAVVCIQKADIFMF
WGHP68
         181 QGNVGQVLEQKDERDMKNELCVDLELNQVIDRNVGDLSGGELQRFAIAVVAVQSAEIYMF
consensus
                           241 DEPSSYLDVKORLKAAITIRSLINPDRYIIVVEHDLSVLDYLSDFICCLYGVPSAYGVVT
HuHP68
         241 DEPSSYLDVKQRLKAARVIRSLLRSNSYVIVVEHDLSVLDYLSDFICCLYGKPGAYGVVT
WGHP68
         301 MPFSVREGINIFLDGYVPTENLRFRDASLVFKVAETAN-EEEVKKMCMYKYPGMKKKMGE
HuHP68
         301 LPFSVREGINIFLAGFVPTENLRFRDESLTFKIAETQESAEEVATYQRYKYPTMSKTQGN
WGHP68
        consensus
         360 FELAIVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPD--EG--GEVPVLNVSYKPQK
         361 FKLSVVEGEFTDSQIVVMLGENGTGKTTFIRMLAGLLKPDTMEGTEVEIPEFNVSYKPQK
        361 * * .* ***** *.********** **** ***..**.. *.*
consensus
HuHP68
         416 ISPKSTGSVROLLHEKIRDAYTHPOFVTDVMKPLOIENIIDOEVOTLSGGELORVRLRLC
         421 ISPKFQHPVRHLLHSKIRDSYTHPQFVSDVMKPLQIEQLMDQEVINLSGGELQRVALCLC
WGHP68
                  consensus
        421 ****
         476 LGKPADVYLIDEPSAYLDSEQRLMAARVVKRFILHAKKTAFVVEHDFIMATYLADRVIVF
         481 LGKPADIYLIDEPSAYLDSEQRIVASKVIKRFILHAKKTAFIVEHDFIMATYLADKVIVY
WGHP68
        consensus
         536 DGVPSKNTVANSPQTLLAGMNKFLSQLEITFRRDPNNYRPRINKLNSIKDVEQKKSGNYF
HuHP68
         541 EGLASIDCTANAPQSLVSGMNKFLSHLDITFRRDPTNYRPRINKLESTKDREQKNAGSYY
                   consensus
         596 FLDD
HuHP68
WGHP68
         601 YLDD
consensus 601 .***
```



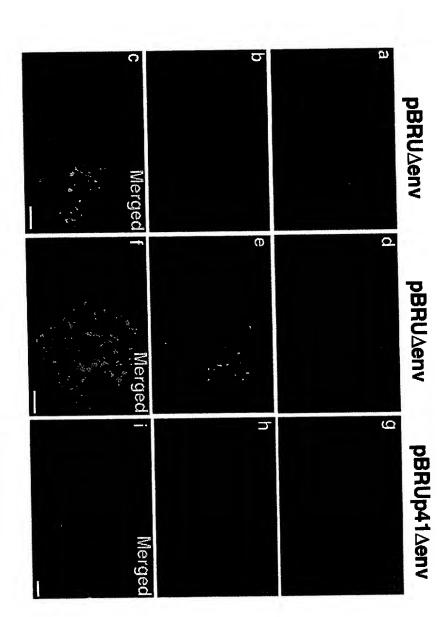


Figure 11

+

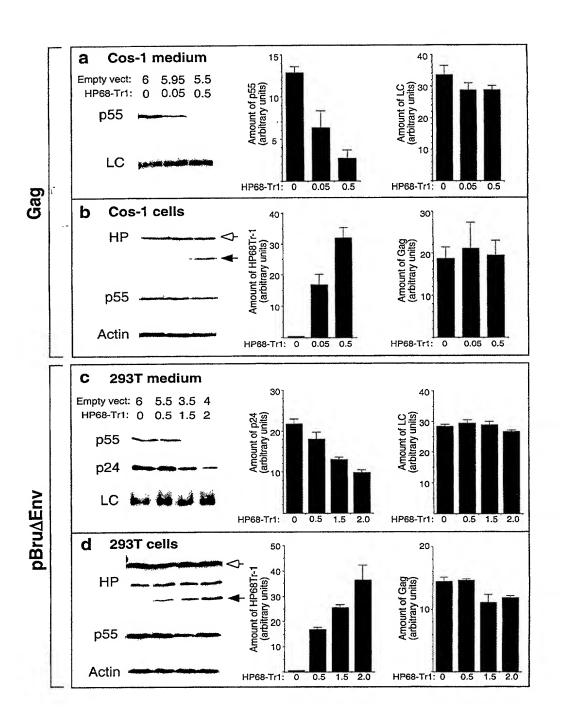


Figure 12

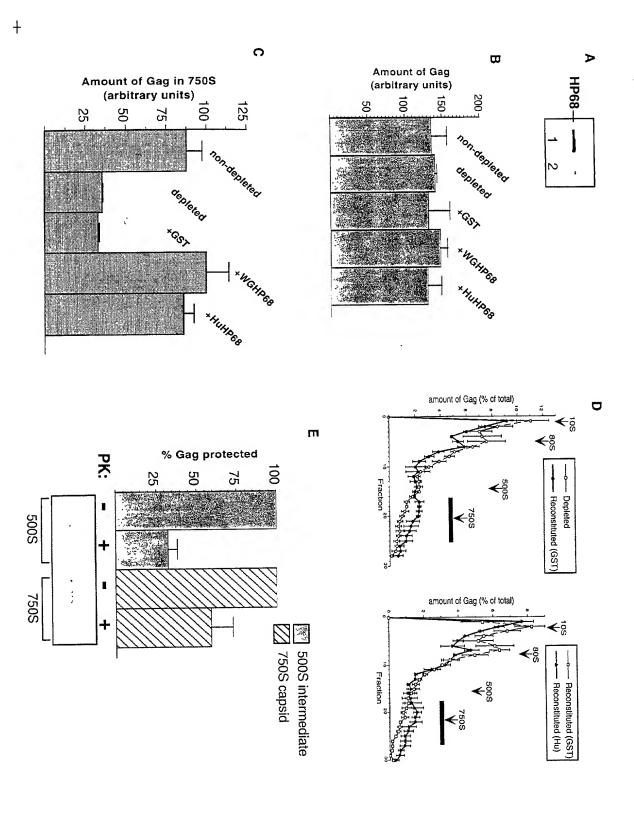
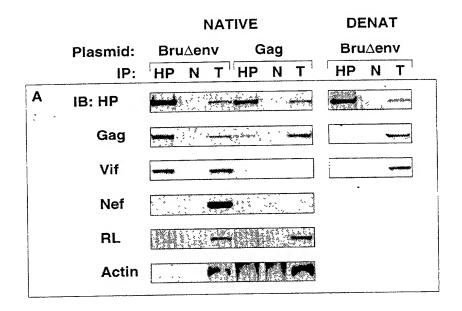


Figure 13



HP Peptide: + IP: HP N T HP N T B IB: HP Gag Vif